

CLAIMS

What is claimed is:

[c01] A method of monitoring multiple tasks to fulfill a request originating from a web browser, the method comprising the steps of:

communicating a progress page to the web browser, the progress page comprising progress messages for each of the multiple tasks, the progress page including an Embedded Refresh Component that forces the web browser to again request the progress page; and

when the multiple tasks are completed, communicating a final progress page to the web browser, the final progress page eliminating the Embedded Refresh Component.

[c02] A method according to claim 1, further comprising the step of dynamically generating the progress page by inserting the progress messages into a template.

[c03] A method according to claim 1, further comprising the step of communicating a communication to the web browser, the communication forcing the web browser to initially request the progress page.

[c04] A method according to claim 1, wherein the step of communicating the progress page to the web browser further comprises including a refresh interval with the Embedded Refresh Component, the refresh interval causing the web browser to again request the progress page.

[c05] A method according to claim 1, wherein the step of communicating the progress page to the web browser further comprises including a Uniform Resource Locator with the Embedded Refresh Component, the Uniform Resource Locator corresponding to the progress page.

[c06] A method of monitoring multiple tasks to fulfill a request originating from a web browser, the method comprising the steps of:

reading progress messages corresponding to a task object in a task list;

reading a template for a progress page;

reading a refresh interval;

reading a Uniform Resource Locator;

creating a progress page by merging the progress messages, the template, the refresh interval, and the Uniform Resource Locator;

communicating the progress page to the web browser, the progress page including the Uniform Resource Locator that causes the web browser to again request the progress page; and

when the multiple tasks are completed, communicating a final progress page to the web browser, the final progress page eliminating the Uniform Resource Locator.

[c07] A method according to claim 6, further comprising the step of communicating a communication to the web browser, the communication causing the web browser to initially request the progress page.

[c08] A method according to claim 6, further comprising the step of communicating a communication to the web browser, the communication including a second Uniform Resource Locator that that causes the web browser to initially request the progress page.

[c09] A method according to claim 6, further comprising the step of creating a task object corresponding to each task.

[c10] A method according to claim 9, further comprising the step of adding each task object to a task list.

- [c11] A method according to claim 10, further comprising the step of adding the task list to a task map, the task map matching the task list to a session identification.
- [c12] A method according to claim 6, further comprising the step of retrieving a task list from a task map.
- [c13] A method according to claim 6, further comprising the step of checking a completion status of all task objects.
- [c14] A method according to claim 13, wherein if all the task objects are completed, then removing a task list from a task map.
- [c15] A system, comprising:

a Request Process Module stored in a memory device, the Request Process Module communicating a progress page to a web browser, the progress page comprising progress messages for each of multiple tasks to fulfill a request originating from the web browser, the progress page including an Embedded Refresh Component that forces the web browser to again request the progress page, and when the multiple tasks are completed, the Request Process Module communicates a final progress page to the web browser, and the final progress page eliminates the Embedded Refresh Component; and
a processor communicating with the memory device.

- [c16] A computer program product, comprising:

a computer-readable medium; and

a Request Process Module stored on the computer-readable medium, the Request Process Module communicating a progress page to a web browser, the progress page comprising progress messages for each of multiple tasks to fulfill a request originating from the web browser, the progress page including an Embedded Refresh Component that

forces the web browser to again request the progress page, and when the multiple tasks are completed, the Request Process Module communicates a final progress page to the web browser, and the final progress page eliminating the Embedded Refresh Component.